Table 2. Number, median days, incidence rate<sup>1</sup> and relative standard errors of nonfatal occupational injuries and illnesses with days away from work<sup>2</sup> involving musculoskeletal disorders<sup>3</sup> by selected parts of body, Kansas, 2001

Part of body				Median	Incidence	Relative
Neck, Including Throat		Part of body	Number	,		
Neck, including Throat	<del></del>		5.005		57.0	
Neck, except internal location of diseases or disorders	lotai		5,225	5	57.2	5.2
Neck, except internal location of diseases or disorders	1	Neck Including Throat	80	7	n a	24.8
2 Trunk         3,359         5         36.8         5.6           21 Shoulder, including clavicle, scapula         631         5         6.9         9.6           22 Chest, except internal location of diseases or disorders         47         3         0.5         32.1           220 Chest, except internal location of diseases or disorders         47         3         0.5         32.1           23 Back, including spine, spinal cord         2,055         4         24.1         6.3           230 Back, including spine, spinal cord, unspecified         853         3         9.3         8.6           231 Lumbar region         1,232         5         13.5         7.5           232 Thoracic region         79         2         0.9         24.9           233 Sacral region						
21         Shoulder, including clavicle, scapula         631         5         6,9         9,6           22         Chest, including ribs, internal organs         47         3         0.5         32.1           22         Chest, except internal location of diseases or disorders         47         3         0.5         32.1           23         Back, including spine, spinal cord         2,205         4         24.1         6.3           231         Lumbar region         1,252         5         13.5         7.5           232         Thoracic region         79         2         0.9         24.9           233         Sacral region						
22         Chest, including ribs, internal organs         47         3         0.5         32.1           220         Chest, except internal location of diseases or disorders         47         3         0.5         32.1           28         Back, including spine, spinal cord, unspecified         853         3         9.3         8.6           231         Lumbar region         1,232         5         13.5         7.5           232         Thoracic region         79         2         0.9         24.9           233         Sacral region						
220   Chest, except internal location of diseases or disorders   2,205   4   24.1   6.3						
23       Back, including spine, spinal cord       2,205       4       24.1       6.3         230       Back, including spine, spinal cord, unspecified       853       3       9.3       8.6         231       Lumbar region       1,232       5       13.5       7.5         232       Thoracic region       79       2       0.9       24.9         233       Multiple back regions       34       2       0.4       37.6         24       Abdomen       407       8       4.5       11.6         240       Abdomen       407       8       4.5       11.6         241       Internal abdominal location, unspecified       219       20       2.4       15.3         245       Intestines, peritoneum       151       3       1.7       18.2         2450       Intestines, peritoneum, unspecified       151       3       1.7       18.2         2450       Intestines, peritoneum, unspecified       151       3       1.7       18.2         254       Intestines, peritoneum, unspecified       151       3       1.7       18.2         254       Pelvic region       70       1       0.8       26.4         251		<u> </u>				
230         Back, including spine, spinal cord, unspecified         853         3         9.3         8.6           231         Lumbar region         1,232         5         13.5         7.5           232         Thoracic region         79         2         0.9         24.9           233         Sacral region         -         -         -         -         -           238         Multiple back regions         34         2         0.4         37.6           44         Abdomen         407         8         4.5         11.6           240         Abdomen, except internal location of diseases or disorders         36         3         0.4         36.4           241         Internal abdominal location, unspecified         219         20         2.4         15.3           245         Intestines, peritoneum         151         3         1.7         18.2           245         Intestines, peritoneum, unspecified         151         3         1.7         18.2           251         Pelvic region         70         1         0.8         26.4           251         Hip(s)         -         -         -         -         -           254 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
231         Lumbar region         1,232         5         13.5         7.5           232         Thoracic region         79         2         0.9         24.9           233         Sacral region						
232         Thoracic region         79         2         0.9         24.9           238         Multiple back regions         34         2         0.4         37.6           24         Abdomen         407         8         4.5         11.6           240         Abdomen, except internal location of diseases or disorders         36         3         0.4         36.4           241         Intestines, peritoneum         151         3         1.7         18.2           2450         Intestines, peritoneum, unspecified         151         3         1.7         18.2           255         Pelvic region         70         1         0.8         26.4           251         Hip(s)						
233         Sacral region         —		•				
238       Multiple back regions       34       2       0.4       37.6         24       Abdomen       407       8       4.5       11.6         240       Abdomen, except internal location of diseases or disorders       36       3       0.4       36.4         241       Internal abdominal location, unspecified       219       20       2.4       15.3         245       Intestines, peritoneum       151       3       1.7       18.2         250       Intestines, peritoneum, unspecified       151       3       1.7       18.2         251       Hip(s)             254       Groin       60       1       0.7       28.6         30       Upper extremities       1,070       10       11.7       7.9         31       Arm(s), unspecified       46       14       0.5       32.3         311       Upper arm(s)       78       10       0.9       25.1         312       Elbow(s)       181       51       2.0       44.3         312       Elbow(s)       181       51       2.0       28.1         312       Wrist(s)       562       12       6.2				-		21.0
24       Abdomen       407       8       4.5       11.6         240       Abdomen, except internal location of diseases or disorders       36       3       0.4       36.4         241       Intestines, peritoneum       151       3       1.7       18.2         2450       Intestines, peritoneum, unspecified       151       3       1.7       18.2         25       Pelvic region       70       1       0.8       26.4         251       Hip(s)             254       Groin       60       1       0.7       28.6         3       Upper extremities       1,070       10       11.7       7.9         31       Arm(s)       396       9       4.3       11.7       7.9         310       Arm(s), unspecified       46       14       0.5       32.3       31.1       7.9       31.0       11.7       7.9       31.1       7.9       31.1       10.7       7.9       32.2       32.1       32.3       32.3       32.3       32.3       32.3       32.3       32.3       32.3       32.3       32.3       32.3       32.3       32.3       32.3       32.4       32.4 <td></td> <td></td> <td>34</td> <td>2</td> <td>0.4</td> <td>37.6</td>			34	2	0.4	37.6
240       Abdomen, except internal location of diseases or disorders       36       3       0.4       36.4         241       Internal abdominal location, unspecified       219       20       2.4       15.3         245       Intestines, peritoneum       151       3       1.7       18.2         2450       Intestines, peritoneum, unspecified       151       3       1.7       18.2         25       Pelvic region       70       1       0.8       26.4         251       Hip(s)             254       Groin       60       1       0.7       28.6         3       Upper extremities       1,070       10       11.7       7.9         31       Arm(s)       396       9       4.3       11.7       7.9         31       Arm(s), unspecified       46       14       0.5       32.3       311       Upper arm(s)       78       10       0.9       25.1         312       Elbow(s)       181       51       2.0       16.8       18       15       2.0       16.8         312       Wrist(s)       92       2       1.0       23.1       23.1       25.1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
241       Internal abdominal location, unspecified       219       20       2.4       15.3         2450       Intestlines, peritoneum       151       3       1.7       18.2         25       Pelvic region       70       1       0.8       26.4         251       Hip(s)       —       —       —       —         254       Groin       60       1       0.7       28.6         3       Upper extremities       1,070       10       11.7       7.9         31       Arm(s)       396       9       4.3       11.7         310       Arm(s), unspecified       46       14       0.5       32.3         311       Upper arm(s)       78       10       0.9       25.1         312       Elbow(s)       181       51       2.0       16.8         313       Forearm(s)       92       2       10       12.3         32       Wrist(s)       562       12       6.2       10.1         33       Hand(s), except finger(s)       43       11       0.5       33.4         34       Finger(s), fingernall(s)       32       12       0.4       38.7         38 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
245       Intestines, peritoneum       151       3       1.7       18.2         2450       Intestines, peritoneum, unspecified       151       3       1.7       18.2         25       Pelvic region       70       1       0.8       26.4         251       Hip(s)             254       Groin       60       1       0.7       28.6         3       Upper extremities       1,070       10       11.7       7.9         31       Arm(s)       396       9       4.3       11.7         310       Arm(s), unspecified       46       14       0.5       32.3         311       Upper arm(s)       78       10       0.9       25.1         312       Elbow(s)       181       51       2.0       16.8         313       Forearm(s)       92       2       1.0       23.1         32       Wrist(s)       562       12       6.2       10.1         33       Hand(s), except finger(s)       32       12       0.4       38.7         34       Finger(s), fingernail(s)       32       12       0.4       36.4         381 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
2450       Intestines, peritoneum, unspecified       151       3       1.7       18.2         25       Pelvic region       70       1       0.8       26.4         251       Hip(s)       -       -       -       -         254       Groin       60       1       0.7       28.6         3       Upper extremities       1,070       10       11.7       7.9         31       Arm(s)       396       9       4.3       11.7         310       Arm(s), unspecified       46       14       0.5       32.3         311       Upper arm(s)       78       10       0.9       25.1         312       Elbow(s)       181       51       2.0       16.8         313       Forearm(s)       92       2       1.0       23.1         32       Wrist(s)       562       12       6.2       10.1         33       Hand(s), except finger(s)       43       11       0.5       33.4         4       Finger(s), fingernail(s)       32       12       0.4       38.7         38       Multiple upper extremities locations       36       7       0.4       36.4 <td< td=""><td></td><td>•</td><td></td><td></td><td></td><td></td></td<>		•				
25       Pelvic region       70       1       0.8       26.4         251       Hip(s)             254       Groin       60       1       0.7       28.6         3       Upper extremities       1,070       10       11.7       7.9         31       Arm(s)       396       9       4.3       11.7         310       Arm(s), unspecified       46       14       0.5       32.3         311       Upper arm(s)       78       10       0.9       25.1         312       Elbow(s)       181       51       2.0       16.8         313       Forearm(s)       92       2       1.0       23.1         32       Wrist(s)       562       12       6.2       10.1         33       Hand(s), except finger(s)       43       11       0.5       33.4         34       Finger(s), fingernail(s)       32       12       0.4       38.7         38       Multiple upper extremities locations       36       7       0.4       36.4         381       Hand(s) and mis(s)             382						
251       Hip(s)       —<						
254       Groin       60       1       0.7       28.6         3       Upper extremities       1,070       10       11.7       7.9         31       Arm(s)       396       9       4.3       11.7         310       Arm(s), unspecified       46       14       0.5       32.3         311       Upper arm(s)       78       10       0.9       25.1         312       Elbow(s)       181       51       2.0       16.8         313       Forearm(s)       92       2       1.0       23.1         32       Wrist(s)       562       12       6.2       10.1         33       Hand(s), except finger(s)       43       11       0.5       33.4         34       Finger(s), fingernail(s)       32       12       0.4       38.7         38       Multiple upper extremities locations       36       7       0.4       36.4         381       Hand(s) and finger(s)             382       Hand(s) and arm(s)             383       Hand(s) and arm(s)						
3       Upper extremities       1,070       10       11.7       7.9         31       Arm(s)       396       9       4.3       11.7         310       Arm(s), unspecified       46       14       0.5       32.3         311       Upper arm(s)       78       10       0.9       25.1         312       Elbow(s)       181       51       2.0       16.8         313       Forearm(s)       92       2       1.0       23.1         32       Wrist(s)       562       12       6.2       10.1         33       Hand(s), except finger(s)       43       11       0.5       33.4         34       Finger(s), fingernail(s)       32       12       0.4       38.7         38       Multiple upper extremities locations       36       7       0.4       36.4         381       Hand(s) and finger(s)             382       Hand(s) and wrist(s)            383       Hand(s) and arm(s)            389       Multiple upper extremities locations, n.e.c.		• • •	60	1	0.7	28.6
31       Arm(s)       396       9       4.3       11.7         310       Arm(s), unspecified       46       14       0.5       32.3         311       Upper arm(s)       78       10       0.9       25.1         312       Elbow(s)       181       51       2.0       16.8         313       Forearm(s)       92       2       1.0       23.1         32       Wrist(s)       562       12       6.2       10.1         33       Hand(s), except finger(s)       43       11       0.5       33.4         34       Finger(s), fingernail(s)       32       12       0.4       38.7         38       Multiple upper extremities locations       36       7       0.4       36.4         381       Hand(s) and finger(s)             382       Hand(s) and wrist(s)             383       Hand(s) and arm(s)             389       Multiple upper extremities locations, n.e.c.             41       Leg(s)       476       6       5.2       10.8						
310       Arm(s), unspecified       46       14       0.5       32.3         311       Upper arm(s)       78       10       0.9       25.1         312       Elbow(s)       181       51       2.0       16.8         313       Forearm(s)       92       2       1.0       23.1         32       Wrist(s)       562       12       6.2       10.1         33       Hand(s), except finger(s)       43       11       0.5       33.4         34       Finger(s), fingernail(s)       32       12       0.4       38.7         38       Multiple upper extremities locations       36       7       0.4       36.4         381       Hand(s) and finger(s)             382       Hand(s) and wrist(s)             383       Hand(s) and arm(s)             389       Multiple upper extremities locations, n.e.c.             41       Leg(s)       421       6       4.6       11.4         411       Thigh(s)		• •				
311       Upper arm(s)       78       10       0.9       25.1         312       Elbow(s)       181       51       2.0       16.8         313       Forearm(s)       92       2       1.0       23.1         32       Wrist(s)       562       12       6.2       10.1         33       Hand(s), except finger(s)       43       11       0.5       33.4         34       Finger(s), fingernail(s)       32       12       0.4       38.7         38       Multiple upper extremities locations       36       7       0.4       36.4         381       Hand(s) and finger(s)             382       Hand(s) and wrist(s)             383       Hand(s) and arm(s)             389       Multiple upper extremities locations, n.e.c.             4       Lower extremities       476       6       5.2       10.8         41       Leg(s)       421       6       4.6       11.4         411       Thigh(s)		• •				
312       Elbow(s)       181       51       2.0       16.8         313       Forearm(s)       92       2       1.0       23.1         32       Wrist(s)       562       12       6.2       10.1         33       Hand(s), except finger(s)       43       11       0.5       33.4         34       Finger(s), fingernail(s)       32       12       0.4       38.7         38       Multiple upper extremities locations       36       7       0.4       36.4         381       Hand(s) and finger(s)             382       Hand(s) and wrist(s)             383       Hand(s) and arm(s)             389       Multiple upper extremities locations, n.e.c.             4       Lower extremities       476       6       5.2       10.8         41       Leg(s)       421       6       4.6       11.4         411       Thigh(s)             412       Knee(s)       4.5       11.5         413	311	• • •	78	10		
313       Forearm(s)       92       2       1.0       23.1         32       Wrist(s)       562       12       6.2       10.1         33       Hand(s), except finger(s)       43       11       0.5       33.4         34       Finger(s), fingernail(s)       32       12       0.4       38.7         38       Multiple upper extremities locations       36       7       0.4       36.4         381       Hand(s) and finger(s)             382       Hand(s) and wrist(s)             383       Hand(s) and arm(s)             389       Multiple upper extremities locations, n.e.c.             4       Lower extremities       476       6       5.2       10.8         41       Leg(s)       421       6       4.6       11.4         411       Thigh(s)             412       Knee(s)       4.5       11.5             413       Lower leg(s) <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
32       Wrist(s)       562       12       6.2       10.1         33       Hand(s), except finger(s)       43       11       0.5       33.4         34       Finger(s), fingernail(s)       32       12       0.4       38.7         38       Multiple upper extremities locations       36       7       0.4       36.4         381       Hand(s) and finger(s)             382       Hand(s) and wrist(s)             383       Hand(s) and arm(s)             389       Multiple upper extremities locations, n.e.c.             4       Lower extremities       476       6       5.2       10.8         41       Leg(s)       421       6       4.6       11.4         411       Thigh(s)             412       Knee(s)       4.5       11.5         413       Lower leg(s)             42       Ankle(s)             43       Fo						
33       Hand(s), except finger(s)       43       11       0.5       33.4         34       Finger(s), fingernail(s)       32       12       0.4       38.7         38       Multiple upper extremities locations       36       7       0.4       36.4         381       Hand(s) and finger(s)             382       Hand(s) and wrist(s)             383       Hand(s) and arm(s)             389       Multiple upper extremities locations, n.e.c.             4       Lower extremities       476       6       5.2       10.8         41       Leg(s)       421       6       4.6       11.4         411       Thigh(s)             412       Knee(s)       4.5       11.5         413       Lower leg(s)            42       Ankle(s)             43       Foot(feet), except toe(s)             432       Sole(s						
34       Finger(s), fingernail(s)       32       12       0.4       38.7         38       Multiple upper extremities locations       36       7       0.4       36.4         381       Hand(s) and finger(s)             382       Hand(s) and finger(s)             383       Hand(s) and arm(s)             389       Multiple upper extremities locations, n.e.c.             4       Lower extremities       476       6       5.2       10.8         41       Leg(s)       421       6       4.6       11.4         411       Thigh(s)             412       Knee(s)       412       6       4.5       11.5         413       Lower leg(s)             42       Ankle(s)             43       Foot(feet), except toe(s)             430       Foot(feet), except toe(s), unspecified			43		0.5	
38       Multiple upper extremities locations       36       7       0.4       36.4         381       Hand(s) and finger(s)             382       Hand(s) and wrist(s)             383       Hand(s) and arm(s)             389       Multiple upper extremities locations, n.e.c.             4       Lower extremities       476       6       5.2       10.8         41       Leg(s)       421       6       4.6       11.4         411       Thigh(s)             412       Knee(s)       412       6       4.5       11.5         413       Lower leg(s)             42       Ankle(s)             43       Foot(feet), except toe(s)             430       Foot(feet), except toe(s), unspecified             432       Sole(s)				12		
381       Hand(s) and finger(s)             382       Hand(s) and wrist(s)             383       Hand(s) and arm(s)             389       Multiple upper extremities locations, n.e.c.             4       Lower extremities       476       6       5.2       10.8         41       Leg(s)       421       6       4.6       11.4         411       Thigh(s)             412       Knee(s)       412       6       4.5       11.5         413       Lower leg(s)             42       Ankle(s)             43       Foot(feet), except toe(s)             430       Foot(feet), except toe(s), unspecified             432       Sole(s)	38		36		0.4	36.4
382       Hand(s) and wrist(s)             383       Hand(s) and arm(s)             389       Multiple upper extremities locations, n.e.c.             4       Lower extremities       476       6       5.2       10.8         41       Leg(s)       421       6       4.6       11.4         411       Thigh(s)             412       Knee(s)       412       6       4.5       11.5         413       Lower leg(s)             42       Ankle(s)             43       Foot(feet), except toe(s)             430       Foot(feet), except toe(s), unspecified             432       Sole(s)	381					
383       Hand(s) and arm(s)	382					
389       Multiple upper extremities locations, n.e.c.	383					
41       Leg(s)       421       6       4.6       11.4         411       Thigh(s)             412       Knee(s)       412       6       4.5       11.5         413       Lower leg(s)             42       Ankle(s)             43       Foot(feet), except toe(s)             430       Foot(feet), except toe(s), unspecified             432       Sole(s)	389					
41       Leg(s)       421       6       4.6       11.4         411       Thigh(s)             412       Knee(s)       412       6       4.5       11.5         413       Lower leg(s)             42       Ankle(s)             43       Foot(feet), except toe(s)             430       Foot(feet), except toe(s), unspecified             432       Sole(s)	4	Lower extremities	476	6	5.2	10.8
411       Thigh(s)	41	Leg(s)	421	6	4.6	11.4
413       Lower leg(s) <td>411</td> <td></td> <td></td> <td></td> <td></td> <td></td>	411					
42 Ankle(s) 43 Foot(feet), except toe(s) 430 Foot(feet), except toe(s), unspecified 432 Sole(s)	412	Knee(s)	412	6	4.5	11.5
42       Ankle(s)	413	Lower leg(s)				
430 Foot(feet), except toe(s), unspecified 432 Sole(s)	42					
432 Sole(s)	43	Foot(feet), except toe(s)				
432 Sole(s)	430	Foot(feet), except toe(s), unspecified				
4322 Arch(es)	432	Sole(s)				
	4322	Arch(es)				

Table 2. Number, median days, incidence rate<sup>1</sup> and relative standard errors of nonfatal occupational injuries and illnesses with days away from work<sup>2</sup> involving musculoskeletal disorders<sup>3</sup> by selected parts of body, Kansas, 2001

	Part of body	Number	Median days away from work	Incidence rate	Relative standard error
48 482 8	Multiple lower extremities locations Foot(feet) and ankle(s) Multiple Body Parts	  240	9	  2.6	  14.7

<sup>&</sup>lt;sup>1</sup> Incidence rates represent the number of injuries and illnesses per 10,000 full-time workers and were calculated as: (N / EH) X 20,000,000 where,

N = number of injuries and illnesses,

EH = total hours worked by all employees during the calendar year,

20,000,000 = base for 10,000 full-time equivalent workers (working 40 hours per week, 50 weeks per year).

NOTE: Dashes indicate data that do not meet publication guidelines or data for incidence rates less than .05 per 10,000 full-time workers. The scientifically selected probability sample used was one of many possible samples, each of which could have produced different estimates. A measure of sampling variability for each estimate is available upon request.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, August 07, 2003

<sup>&</sup>lt;sup>2</sup> Days away from work include those which result in days away from work with or without restricted work activity.

<sup>&</sup>lt;sup>3</sup> Includes cases where the nature of injury is: sprains, strains, tears; back pain, hurt back; soreness, pain, hurt, except back; carpal tunnel syndrome; hernia; or musculoskeletal system and connective tissue diseases and disorders and when the event or exposure leading to the injury or illness is: bodily reaction/bending, climbing, crawling, reaching, twisting; overexertion; or repetition. Cases of Raynaud's phenomenon, tarsal tunnel syndrome, and herniated spinal discs are not included. Although these cases may be considered MSD's, the survey classifies these cases in categories that also include non-MSD cases.